

Vancouver Summer Program 2018 @ The University of British Columbia



143088
Koji Yoshida

Contents

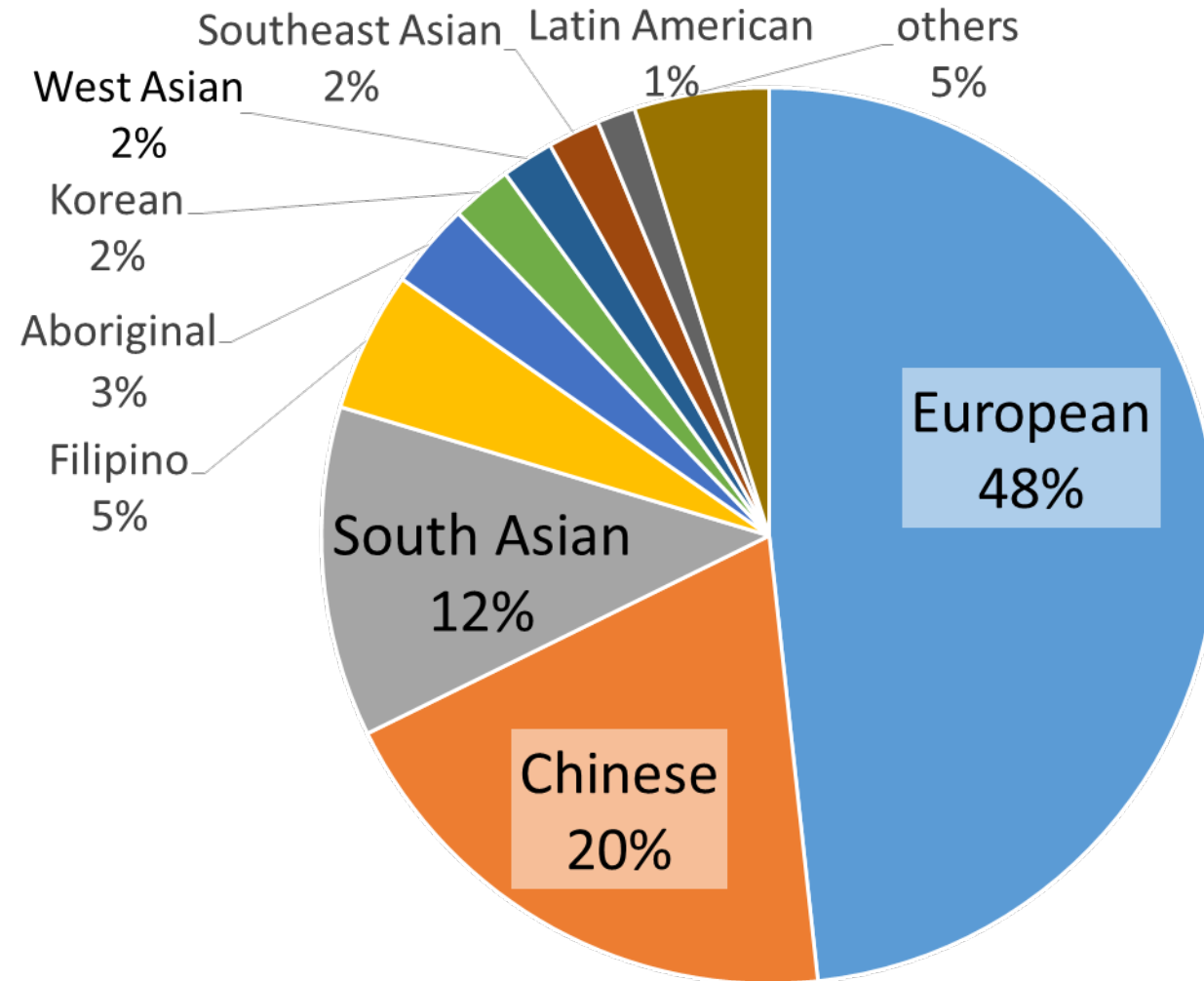
1. Vancouver and UBC
2. Vancouver Summer Program (VSP)
 - Facilities
 - Study (Research, Clinical medicine)
3. Points of the program

Vancouver, Canada

- Located in the West Coast of Canada
- Province: British Columbia
- Mean highest temperature in August: 22.2°C
- Population: 578,041 (8th in Canada)



Demographics of Vancouver (2016)



<https://www12.statcan.gc.ca/census-recensement/2016/dp-pd/prof/details/page.cfm?Lang=E&Geo1=POPC&Code1=0973&Geo2=PR&Code2=59&Data=Count&SearchText=Vancouver&SearchType=Begin&SearchPR=01&B1=All&GeoLevel=PR&GeoCode=0973&TABID=1>

The University of British Columbia (UBC)

- Established in 1903
- World Univ. Ranking: **37** (THE 2019)
(The Univ. of Tokyo: 42)
- Students: 64,900
- Vancouver Campus: 4.02 km²



THE UNIVERSITY
OF BRITISH COLUMBIA



Vancouver Summer Program (Medicine)

July 14 - August 14, 2018 Course Packages

Package A – Clinical Research and Clinical Medicine

Package B – Pharmacology and Critical Analysis in Medicine and Science

Package C - Anatomy and Radiology: Interactive Learning to Enhance Understanding

Package D – Biochemistry and Molecular Biology in Human Health, Disease, and the Environment

Package E – The Science and Treatment of Psychiatric Disorders

Package F – Major Mental Illnesses and Psychotherapy

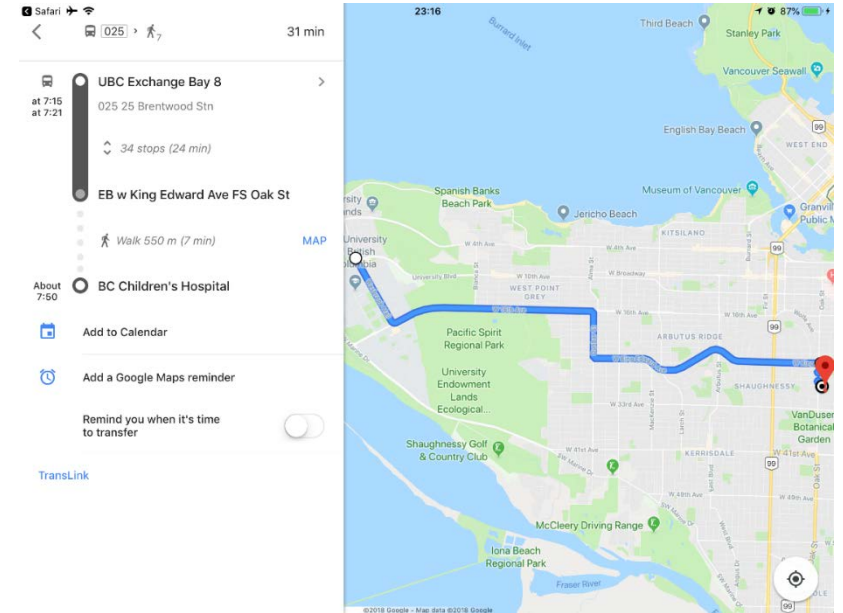
Package G – Introduction to Population and Public Health

Package H – Understanding the Recovery and Treatment from Injury and Chronic Disease

Package I – Medical Laboratory Science

Package J – Anatomical Sciences

BC Children's Hospital



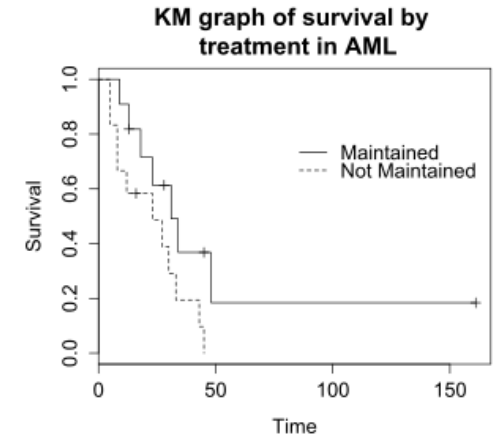
International Students



home countries:
China
Hong Kong
Thailand
Philippines
Saudi Arabia
Ecuador
South Africa
Japan

VSP Medicine Package A

- The first 2 weeks – Clinical Research
- The last 2 weeks – Clinical Medicine



Clinical Research

- Lectures
Methodology, Literature search, Statistics, Ethical consideration
- Workshops
Designing a research plan with teammates
- Final presentation
Each team presents its research plan



Final Presentation

Does consuming soymilk improve alcohol clearance rate in young Japanese adults aged 20-25? A randomized, double-blind, crossover, placebo-controlled trial evaluating the effect of soymilk consumption on blood alcohol clearance.

[Study short title: soymilk and alcohol clearance in human]

By Group 1: Cordovez, Ma. Paula; Gao, Yi; Alobaidan, Abdullah; Lang, Ke; Hu, Delin; Fang, Sizhe; Li, Chui Yi; Liu, Jing Yi; Pablo, Isabella; Shen, Xinxin; Vichittho, Chutchanee; Wang, Xiaojing; Xu, Yidan; Yoshida, Kouji; Zhang, Zhaochao

Vancouver, UBC Faculty of Medicine, Canada

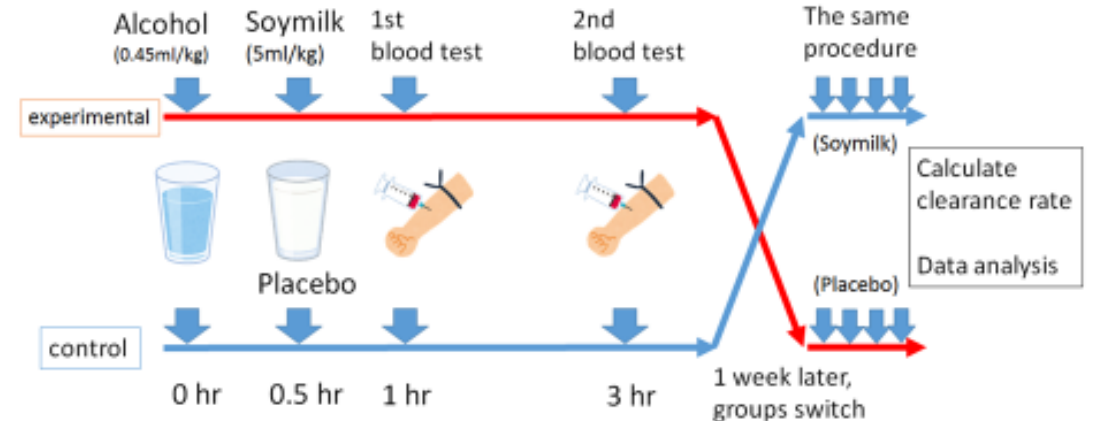
27 July 2018

Objectives

- **Primary Objective**
 - To improve alcohol clearance after drinking alcohol
- **Secondary Objective**
 - To do a subgroup analysis of people who lack the ALDH enzyme
- **Hypothesis**
 - Consumption of soy milk improves alcohol clearance

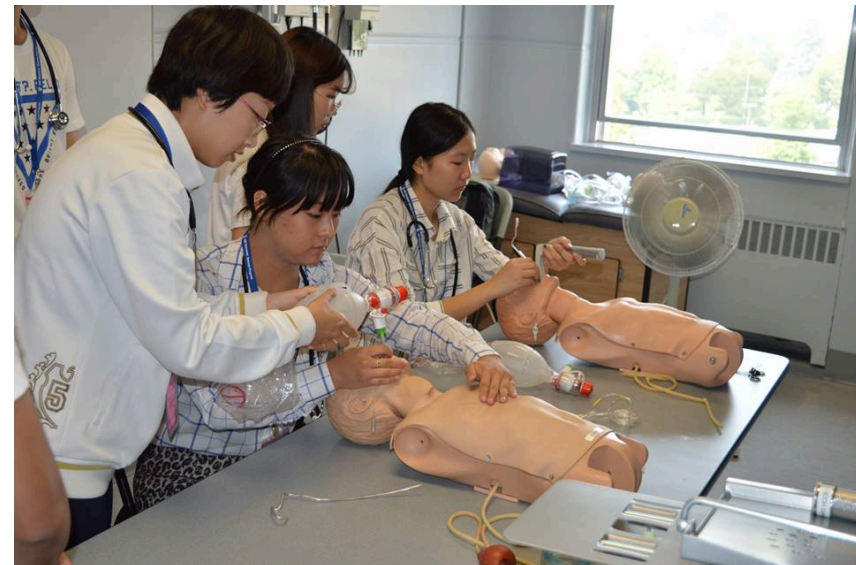


Procedure



Clinical Medicine

- Differential diagnosis
- Physical Examination
- ECG
- Chest X-ray
- Simulation session



Clinical Diagnostic Reasoning

1. Chief complaint	ex) Fever
2. Possible condition (VINDICATE)	Infection, autoimmune, neoplasm...
3. Additional information	Cough, diarrhea, travel history, drugs, vaccination...
4. Priority (Exclusion of unlikely conditions)	Infection?
5. Details of the symptoms	Fever type (intermittent fever)
6. Physical examination	Skin rash, splenomegaly...
7. Tests required for diagnosis	Chest X-ray, urinalysis, blood smear...
8. Diagnosis	Malaria

Simulation Session

- CPR
- Intubation
- Intravenous line
- Intraosseous line
- Emergency treatment



The Points of VSP Medicine

Strong points

- International students
- Enthusiastic for education
- Safety

Weak points

- Not so many chances to see clinical sites
- Overlap with the season of *Toitai*

Acknowledgements

I would like to thank the members of YCU Academic Affairs Division, the teachers in YCU, the members of Gushinkai and the members of Igakubu Kouenkai for numerous supports.

I am grateful for the members of the University of British Columbia and BC Children's Hospital for providing me a great opportunity in Vancouver.



Prof. Goldman
UBC Faculty of Medicine, Pediatrics



Dr. Stewart
BC Children's Hospital



Dr. Patel
BC Children's Hospital

Thank you for listening!

